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**From:** Steve Christensen  
**To:** Bill Bates; Dana Dean; Daron Haddock; dharber@fs.fed.us; Ingrid Wies...  
**CC:** OGMCOAL  
**Date:** 10/22/2009 10:52 AM  
**Subject:** Crandall Canyon Final Reclamation  
**Place:** OGMCOAL

Hello everyone,

I'm writing to see if folks would be available sometime in November to discuss Crandall Canyon's mine water discharge situation relative to final reclamation of the site. As you know, Mr. Shaver is currently under the gun to address violations with both DEQ and the Division in association with elevated iron levels in the mine water discharge. However, per a Division Order, Mr. Shaver has also been bridled with the task of producing a final reclamation plan for the Crandall Canyon Mine site by the end of the summer 2010. The reclamation plan that is currently approved under the mine's SMCRA permit does not account for water discharging from the portals.

The reason I'd like to get all the agencies together to discuss this is because all of us will have to buy off on what form the final reclamation plan ultimately takes. In order to give Mr. Shaver some clear direction between now and next summer, there are some questions that need to be addressed:

- 1) Is it reasonable to assume that the mine water will permanently discharge from the mine portals?
- 2) Is it reasonable to assume that permanent treatment of the mine water discharge will be necessary?
- 3) If so, how should it be treated and where?
- 4) Assuming the iron levels are brought back into compliance and the discharge is not treated permanently, what (if any) contingencies/provisions should be incorporated into the final reclamation plan in the event water quality becomes an issue in the future (post reclamation)?

To clarify, the Division isn't pushing for reclamation activity to begin, but rather to get a final reclamation plan in the books that takes into account the current conditions at the site and that has the blessing of the relevant agencies.

As most everyone on this e-mail list is in Price, I'd suggest we meet there. To get this rolling, I'll throw out the first 3 Wednesdays in November as possible dates: November 4th, 11th or 18th at 10:00 A.M. Let me know what date(s) will work for you and I'll try to accommodate as many folks as possible. If you have any questions or wish to discuss the matter, give me a call.

Thanks,  
Steve

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